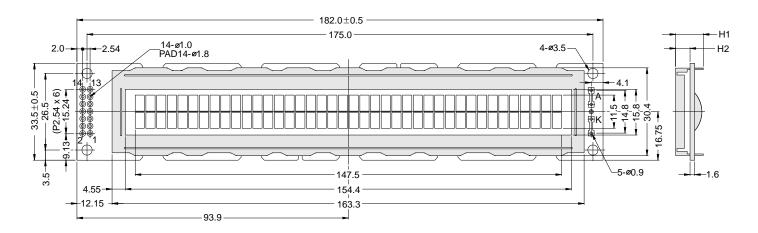
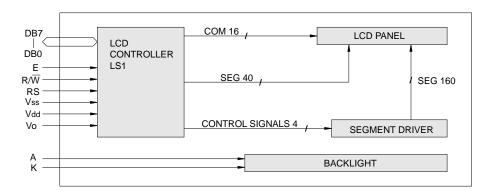


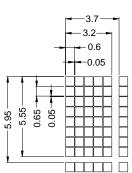
PC 4002-C



## OUTLINE DIMENSION & BLOCK DIAGRAM







The tolerance unless classified  $\pm 0.3$ mm

MECHANICAL SPECIFICATION								
Overall Size	182.0 x 33.5	Module	H2 / H1					
View Area	154.0 x 15.80	W /O B/L	5.0 / 9.6					
Dot Size	0.60 x 0.65	EL B/L	- / -					
Dot Pitch	0.65 x 0.70	LED B/L	10.5 / 15.1					

PIN ASSIGNMENT						
Pin no.	Symbol	Function				
1	Vss	Power supply(GND)				
2	Vdd	Power supply(+)				
3	Vo	Contrast Adjust				
4	RS	Register select signal				
5	R/W	Data read / write				
6	Е	Enable signal				
7	DB0	Data bus line				
8	DB1	Data bus line				
9	DB2	Data bus line				
10	DB3	Data bus line				
11	DB4	Data bus line				
12	DB5	Data bus line				
13	DB6	Data bus line				
14	DB7	Data bus line				
	Α	Power supply for LED B/L (+)				
	K Power supply for LED B/L (-)					

ABSOLUTE MAXIMUM RATING										
Item	Symbo	ol Con	Condition		Min.			Max.		Units
Supply for logic voltage	Vdd-Vs	ss 25	25°C		-0.3			7		V
LCD driving supply voltage	Vdd-Ve	ee 25	25°C		-0.3			13		٧
Input voltage	Vin	25	25°C		-0.3		Vdd+		0.3	V
ELECTRICAL CHARACTERISTICS										
Item	Symbol	Conditi	on	N	lin.	Тур	ical	M	lax.	Units
Power supply voltage	Vdd-Vss	25°C	25°C		2.7		_		5.5	
LCD operation voltage	Vop	Тор		N	W	N	W	N	W	V
		-20°C		_	7.1	_	7.5	_	7.9	V
		0°C		4.5	_	4.8	_	5.1	_	V
		25°C		4.1	6.1	4.4	6.4	4.7	6.7	V
		50°C		3.8	_	4.1	ı	4.4	_	V
		70°C		_	5.7	_	6	_	6.3	V
LCM current consumption (No B/L)	ldd	Vdd=5V		_		2.5		4		mA
Backlight current consumption	LED/edge	VB/L=4.2V		_		_				mA
Backlight current consumption	LED/array	VB/L=4.2V		_		280		_		mA

## REMARK

LCD option: STN, TN, FSTN

Backlight Option: LED,EL Backlight feature, other Specs not available on catalog is under request.

